FIG. 1

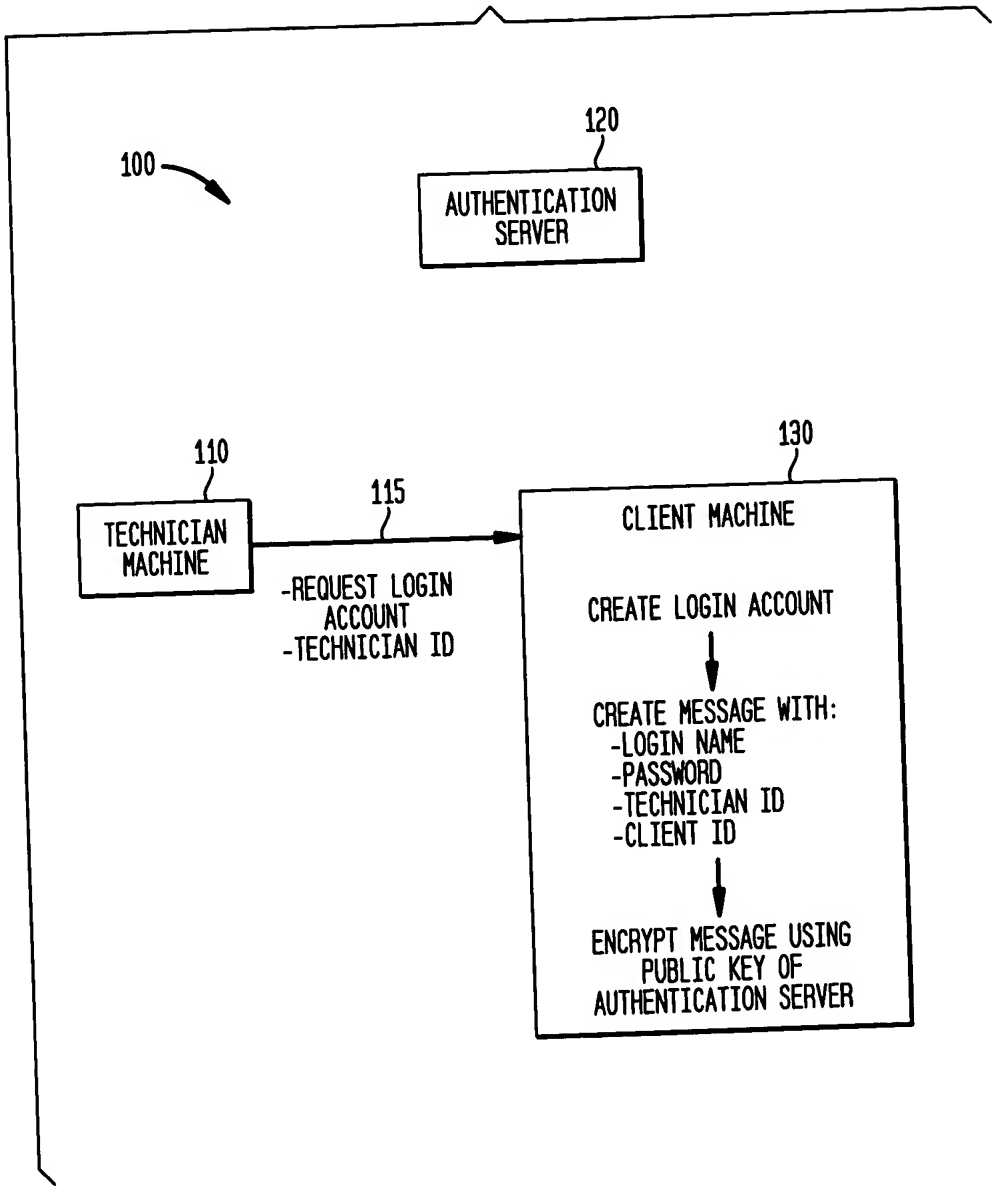

100
120
AUTHENTICATION SERVER
110
TECHNICIAN MACHINE
115
-REQUEST LOGIN ACCOUNT
-TECHNICIAN ID
130
CLIENT MACHINE
CREATE LOGIN ACCOUNT
CREATE MESSAGE WITH:
-LOGIN NAME
-PASSWORD
-TECHNICIAN ID
-CLIENT ID
ENCRYPT MESSAGE USING PUBLIC KEY OF AUTHENTICATION SERVER

FIG. 2

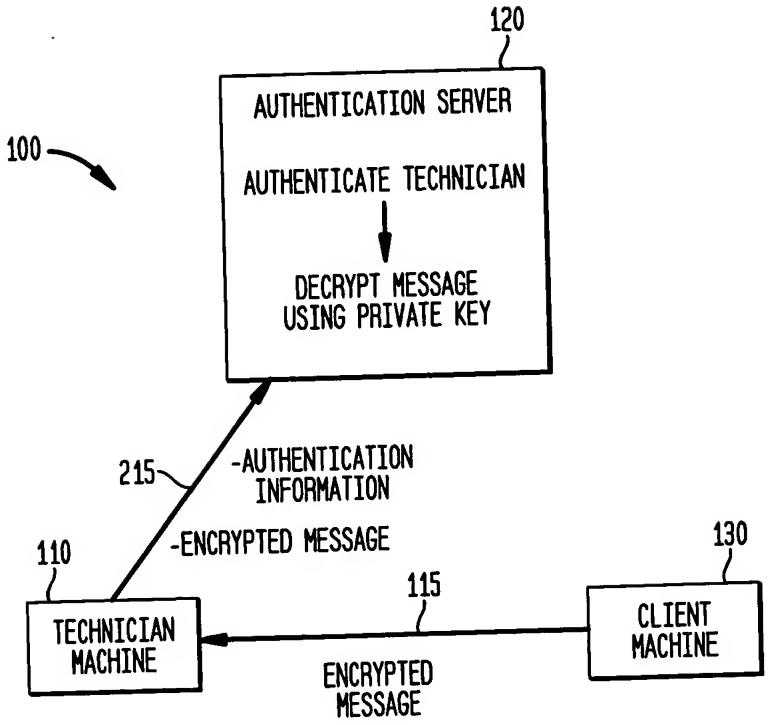
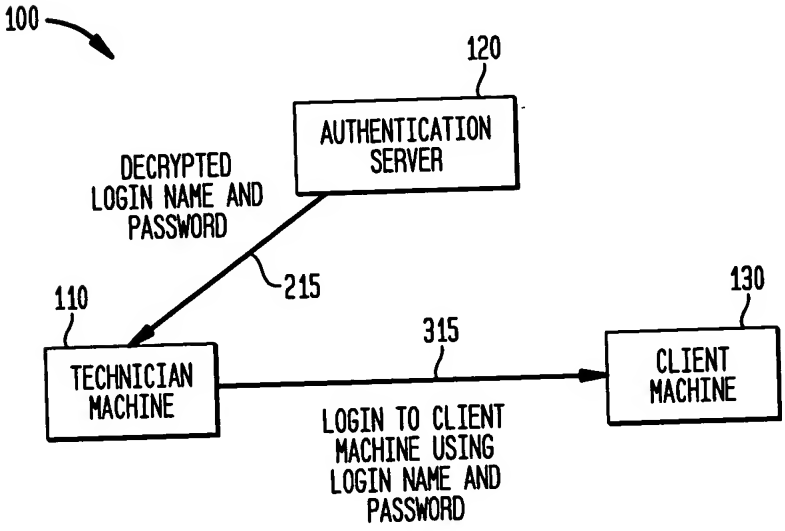

120
AUTHENTICATION SERVER
AUTHENTICATE TECHNICIAN
DECRYPT MESSAGE USING PRIVATE KEY
100
215
-AUTHENTICATION INFORMATION
-ENCRYPTED MESSAGE
110
130
115
TECHNICIAN MACHINE
CLIENT MACHINE
ENCRYPTED MESSAGE

FIG. 3


100
120
AUTHENTICATION SERVER
DECRYPTED LOGIN NAME AND PASSWORD
215
110
130
315
TECHNICIAN MACHINE
CLIENT MACHINE
LOGIN TO CLIENT MACHINE USING LOGIN NAME AND PASSWORD